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Substitute for form 1449A/PTO U.S. DEPARTMENT OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use as many sheets as necessary)				ATTY. DOCKET NO.: 4247.43		APPLICATION NO.: 09/998,587	
				FIRST NAMED INVENTOR: ULLMAN et al.			
				FILING DATE: November 16, 2001		ART UNIT: 2154	
Sheet	1	of	1	EXAMINER NAME: VU, Viet Duy			

## U.S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>1</sup>	DOCUMENT NUMBER	PUBLICATION DATE	Name of PATENTEE or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY		
V.V.	A	US- 5,801,750	09/01/1998	KURIHARA	RECEIVED
		US-			
		US-			APR 10 2003
		US-			
		US-			Technology Center 2100

## FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

EXAMINER INITIALS*	Cite No. <sup>1</sup>	DOCUMENT NUMBER	PUBLICATION DATE	Name of PATENTEE or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			
V.V.	B	JP 4-127688 A	04/28/1992	FIJITSU GENERAL LIMITED		
V.V.	C	JP 7-307813 A	11/21/1995	NIPPON TELEGRAPH & TELEPHONE CORPORATION		
V.V.	D	JP 8-8860 A	01/12/1996	SONY CORP.		
V.V.	E	JP 7-288606 A	10/31/1995	AT&T CORP.		

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>2</sup>	(Include name of Author ) in CAPITAL LETTERS), Title of article (when appropriate, title of the item (book, magazine, journal, serial symposium, catalog, etc.), date, page(s), volume-issue number(s) publisher city and/or country where published)	T <sup>3</sup>
V.V.	F	NIKKEI BP CORP., <i>Intercast Using Gap Television Signal</i> , Nikkei Electronics, Japan, 18 December 1995, No. 651, p. 106.	
V.V.	G	TELEVISION SOCIETY, <i>Interactive Television Broadcast Using Character Broadcast System</i> , Video Information and Broadcast Technology, 20 November 1995, Vol. 49, No. 11, p. 1482-1487.	
EXAMINER SIGNATURE	V.V.		DATE CONSIDERED 12-1-03

\* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>7</sup> Applicant is to place a check mark here if English language Translation is attached.

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<sup>2</sup> Applicant's unique citation number (optional).

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